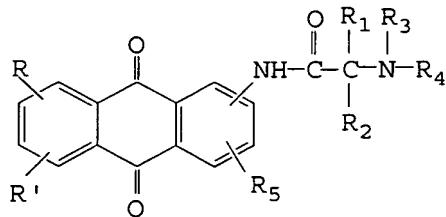


## ABSTRACT

A novel compound with anthraquinone structure and having the following formula (I):

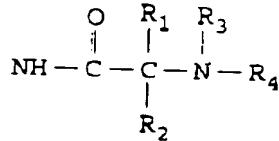
5



(I)

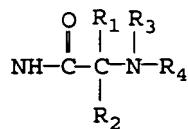
wherein R<sub>1</sub>, R<sub>2</sub> and R<sub>3</sub> each independently is hydrogen, hydroxy, amino  
10 or C<sub>1</sub>-6 alkyl group; R<sub>4</sub> is hydrogen, C<sub>1</sub>-18 alkyl carbonyl, C<sub>1</sub>-6 alkyl  
group substituted by at least a functional group; R<sub>5</sub> is hydrogen amino or  
a group of the following formula

15



wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub> and R<sub>4</sub> are defined as the above; and R and R' each  
independently is hydrogen, hydroxyl, amino, C<sub>1</sub>-6 alkyl group or a group  
of the following formula

20



wherein R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub> and R<sub>4</sub> are defined as the above.